

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NUMBER <b>3687-92</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/517199</b> unassigned
INTERNATIONAL APPLICATION NO. <b>PCT/IB03/04904</b>	INTERNATIONAL FILING DATE <b>22 October 2003</b>	PRIORITY DATE CLAIMED <b>30 October 2002</b>

TITLE OF INVENTION

**CHROMATOGRAPHY COLUMN ASSEMBLY**

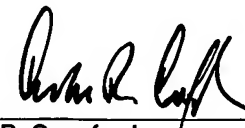
APPLICANT(S) FOR DO/EO/US

**ZILIOLI et al**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto (16 pages specification, 19 claims & 1 page abstract, 2 sheets drawings).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation
  - a. ☐ of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (        pages specification, claims & abstract (        claims),        sheets drawings,        page Certificate of Translation).
  - b. ☐ of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.
  - a. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  - b. ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (        page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
10. See item 6.b. above.  
**Items 11 To 20 below concern document(s) or information included:**
11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information. Copy of Corrected Version of first page of the PCT Int'l Application as Re-published by OMPI showing the correct filing date of October 22, 2003; Copy of Form PCT/IB/304 Notification Concerning Submission or Transmittal of Priority Document.

DT05 Rec'd PCT/PTO 08 DEC 2004

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.51) <b>10/51/199</b>		INTERNATIONAL APPLICATION NO. <b>PCT/IB03/04904</b>		ATTORNEY'S DOCKET NUMBER <b>3687-92</b>							
21. <input checked="" type="checkbox"/> The following fees are submitted:				<b>CALCULATIONS</b> PTO USE ONLY							
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):</b> -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1110.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$950.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO.....\$790.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$750.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00 <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: right;">\$</td> <td style="width:40%; text-align: center;">950.00</td> <td style="width:50%;"></td> </tr> <tr> <td style="text-align: right;">\$</td> <td style="text-align: center;">0.00</td> <td></td> </tr> </table>		\$	950.00		\$	0.00	
\$	950.00										
\$	0.00										
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: right;">\$</td> <td style="width:40%; text-align: center;">0.00</td> <td style="width:50%;"></td> </tr> </table>		\$	0.00				
\$	0.00										
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE								
Total Claims	19	minus 20 =	0	X	\$18.00						
Independent Claims	3	minus 3 =	0	X	\$88.00						
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)					\$300.00						
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$430.00/2 months; \$980.00/3 months)				\$	0.00						
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	950.00						
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	0.00						
<b>SUBTOTAL =</b>				\$	950.00						
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).				\$	0.00						
<b>TOTAL NATIONAL FEE =</b>				\$	950.00						
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				\$	40.00						
Fee for Petition to Revive Unintentionally Abandoned Application (\$1370.00 - Small Entity = \$685.00)				\$	0.00						
<b>TOTAL FEES ENCLOSED =</b>				\$	990.00						
				Amount to be: refunded	\$						
				Charged	\$						
a. <input type="checkbox"/> A check in the amount of \$990.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed. d. <input checked="" type="checkbox"/> <b>CREDIT CARD PAYMENT FORM ATTACHED.</b> e. <input checked="" type="checkbox"/> The entire content of International Application No. <b>PCT/IB03/04904</b> and any U.S. and foreign application(s) corresponding thereto, and MI2002A 002310, referred to in this application is/are hereby incorporated by reference in this application. <b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b> <b>CORRESPONDENCE ADDRESS</b> <b>Direct all correspondence to:</b> <div style="margin-top: 10px;"> <input checked="" type="checkbox"/> <b>Customer Number:</b> <span style="border: 1px solid black; padding: 5px; font-size: 1.2em; margin-left: 20px;">23117</span>  <div style="text-align: center; font-size: 0.8em; margin-top: 5px;">Type Customer Number here</div> </div>											
Telephone: (703) 816-4000 ARC:lfm		<div style="font-size: 1.5em; margin-bottom: 10px;">  </div> <div style="border-top: 1px solid black; margin-top: 5px;"> <b>Arthur R. Crawford</b>          NAME       </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;"> <b>25,327</b>          REGISTRATION NUMBER       </div> <div style="text-align: center;"> <b>December 8, 2004</b>          Date       </div> </div>									